

AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** A foil for a cathode of a capacitor, comprising:

an aluminum foil; ~~and~~

a carbon-containing layer formed on a surface of said aluminum foil, ~~the foil further~~
~~comprising; and~~

an interposition layer that is formed between said aluminum foil and said carbon-containing layer and contains aluminum and carbon, wherein

said carbon-containing layer is formed so as to extend outward from the surface of said
aluminum foil.

2. (Original) The foil for a cathode of a capacitor according to claim 1, wherein said carbon-containing layer includes therein an interposition material containing aluminum and carbon.

3. **(Cancelled)**

4. (Original) The foil for a cathode of a capacitor according to claim 1, wherein

said interposition layer constitutes a first surface portion that is formed on at least a part of the surface of said aluminum foil and contains a carbide of aluminum, and

said carbon-containing layer constitutes a second surface portion that is formed so as to extend outward from said first surface portion.

5. **(Currently Amended)** A manufacturing method of a foil for a cathode of a capacitor, comprising the steps of:

arranging an aluminum foil in a space containing a hydrocarbon-containing substance;

and

heating said aluminum foil,

wherein said step of arranging the aluminum foil involves adhering at least one kind selected from the group consisting of a carbon-containing substance and an aluminum powder to a surface of the aluminum foil, and then arranging the aluminum foil in a space containing a hydrocarbon-containing substance.

6. **(Cancelled)**

7. (Original) The manufacturing method of a foil for a cathode of a capacitor according to claim 5, wherein said step of heating the aluminum foil is carried out within a temperature range between 450°C or more and less than 660°C.